

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
28 April 2005 (28.04.2005)

PCT

(10) International Publication Number  
**WO 2005/037332 A1**

(51) International Patent Classification?: **A61L 2/20**,  
9/015, A01N 59/24, A23L 3/3445, A23B 4/16, 9/22, 7/152

(21) International Application Number:  
PCT/AU2004/001417

(22) International Filing Date: 15 October 2004 (15.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2003905699 16 October 2003 (16.10.2003) AU

(71) Applicant (for all designated States except US): **BOC LIMITED** [AU/AU]; Riverside Corporate Park, 10 Julius Avenue, North Ryde, NSW 2113 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **RYAN, Robert, Francis** [AU/AU]; 5 Endeavour Street, Sans Souci, NSW 2219 (AU). **BISHOP, Simon, Robert** [AU/AU]; 10 Julius Avenue, North Ryde, NSW 2113 (AU).

(74) Agent: **SHELSTON IP**; 60 Margaret Street, Sydney, NSW 2000 (AU).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

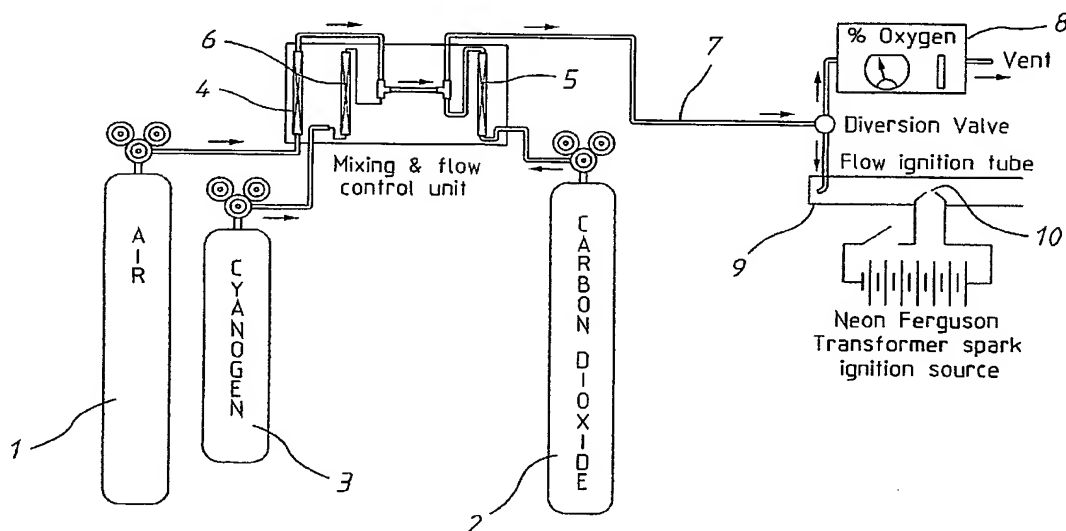
— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FUMIGANT/STERILANT



(57) Abstract: A fumigant/sterilant comprising an effective amount of cyanogen mixed with a predetermined amount of carbon dioxide such that, in use, the fumigant/sterilant remains below its flammability limit. A method of producing said fumigant/sterilant is also provided.